

## **ABSTRACT OF THE DISCLOSURE**

### **MAPPING XML SCHEMA COMPONENTS TO QUALIFIED JAVA COMPONENTS**

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[0060] The present invention provides a method, apparatus, and computer instructions for mapping and labeling XML schema elements and types. In an exemplary embodiment, each XML schema element and type is uniquely labeled, using distinguishing parameters such as namespace to create name  
10 parts like a Hashing code and suffixes in order to achieve unique mapping. The parameters selected are predetermined in order to achieve naming that remains distinct across successive consumptions of a schema. The selection disclosed accomplishes unique labeling, while also permitting one to still adhere to the strict naming standards of the target language (e.g., Java). As a  
15 result, schema components belonging to multiple namespaces can be mapped to Java components belonging to a single package.